Recorded
8-7-64 emf.

FEDERAL BUREAU OF INVESTIGATION
UNITED STATES DEPARTMENT OF JUSTICE

Laboratory Work Sheet

LAB FILE

Re: LEE HARVEY OSWALD, aka
IS - R - CUBA

File # 105-82555-4468X
Lab. # D-455927 HO
PC 81827 CF, BX

Examination requested by: President's Commission (7-7-64)

Examination requested: Photographic-~~Microscopic~~ Spectrographic (Firearms)

Date received: 8-6-64

Result of Examination:

Examination by: Shaneyfelt

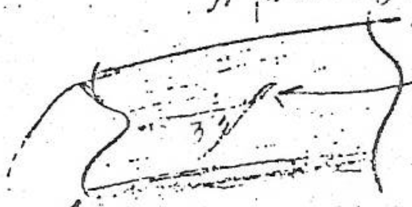
8/10 R Frazier

Use C# in Cover.

C321

Q609 Piece of Curbing

33' from abutment



Barely discernible smoothing Pb – no groove and visible lead dep. No Cu present. from Pb – not pristine bullet.

Specimens submitted for examination

Request for location and examination of mark on curbing at assassination site

Curb – Minor disturbance at L to edge.

It [illegible] of lead - antimony present it could have originated from a lead bullet the core portion of a metal jacketed bullet such as C1,2,3, a automobile wheel balancing weight or some other source of lead. The absence of copper-alloy bullet jacket residues precludes the possibility that the mark was made by an unmutilated full metal jacketed bullet. Further the damage to the curbing would have been much more ~~serious~~ extensive if a rifle bullet such as C1, 2, 3 had struck the curb without first striking some other object

2-FBI, Dallas (100-10461)

D-455827 HO
PC 81827 CF, BI

i curbing bearing the piece of curbing was removed on 8-5-64 and is at the FBI Lab. ~~removed~~ has been designated C 321. by the Lab ~~by the FBI Laboratory~~.

Small foreign metal smears were found ~~in~~ adhering to the curbing section at an area which bears a mark. These metal smears were ~~analyz~~ spectrographically determined to be essentially lead with a trace of antimony. No copper was found.

The lead could have originated from a lead bullet, the lead core of a metal jacketed bullet such as the type of bullets [illegible] ~~such as C1 or some other source of details~~ loaded into 6.5 mm Mannlicher-Carcano cartridges or from some other source having the same composition.

The ~~object~~ absence of copper precludes the possibility that the mark on the curbing section was made by an unmutilated ~~full jack~~ military type full metal-jacketed bullet such as the bullet recovered ~~on the~~ from Governor Connolly's stretcher, ~~(C1)~~, C1, or the bullet ~~jack~~ or bullets represented by the jacket fragments, C2 and C3, found in the Presidential limousine. Further, the damage to the curbing would have been much more extensive if a rifle bullet had struck the curbing without first having struck some other object.